

# How to view error messages reported by Fortify



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## Question

How do I determine if Fortify reported any error messages during the scan?

I received a memo indicating there were scan errors. How do I view those error messages?

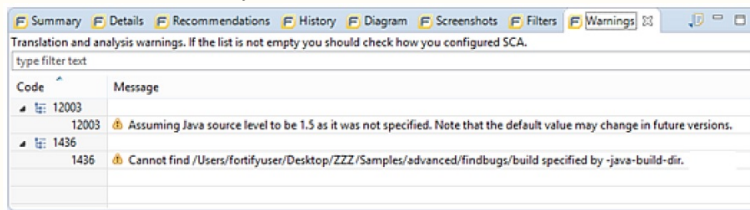
## Answer

Fortify provides several methods to view the error messages that result from a scan:

- If scanning from the command line, between the translation and scan calls, call sourceanalyzer with the -show-build-warnings option:

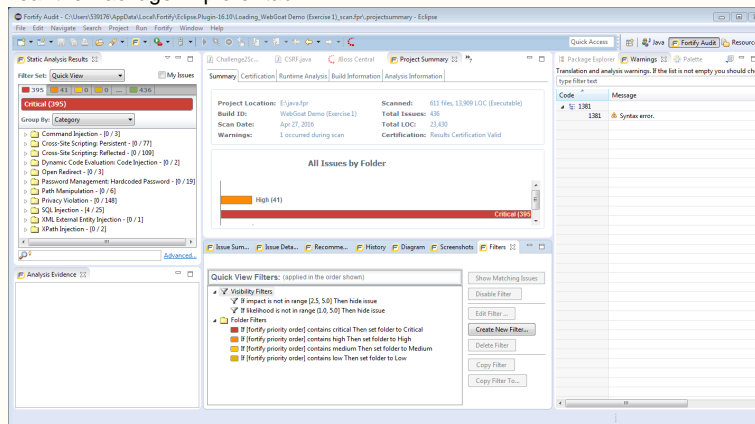
```
sourceanalyzer -b <build_id>
-show-build-warnings
```

- If either scanning or viewing an FPR in Audit Workbench, warnings should be enabled to be displayed by selecting Show View > Warnings from the Options menu in the top level menu bar. Once enabled, the Warnings tab can be viewed in the Issue Auditing View, located in the bottom center of the Audit Workbench screen, near the Summary, Details, and Recommendations tabs:



Note that the HPE Security Fortify Audit Workbench User Guide provides more details on how to copy/save/export the warnings.

- When using the Fortify plugin for Eclipse, viewing Warnings can be enabled in the Window menu by selecting Show View > Other > Fortify SCA Views > Warnings. By default, the Warnings will appear on the right side of the screen, near the Package Explorer tab:



Note that in Eclipse you can move the Warning tab by clicking-and-dragging it to the bottom center row of tabs (near the Summary, Details and Recommendation tabs), similar to how it is displayed in the Audit Workbench software (see above).

HPE Fortify Version	16.10 and later
Programming Language	<input checked="" type="checkbox"/> C/C++ <input checked="" type="checkbox"/> .NET <input checked="" type="checkbox"/> Java <input checked="" type="checkbox"/> Objective-C <input checked="" type="checkbox"/> Other
Fortify Audit Workbench	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fortify IDE Plugin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Other Fortify Component	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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- When using the Fortify plugin for Visual Studio 2013, warnings can be viewed in Fortify's Project Summary window by selecting Analysis Information > Warnings.
- The error and warning messages may be extracted directly from the FPR file. Fortify provides a tool, FPRUtility, to extract information directly from the FPR file. This tool is located in the bin directory of the Fortify installation directory (the same directory where sourceanalyzer is located). The tool may be run as follows to extract the error messages:

```
FPRUtility -information -errors -project  
<fpr_file> -f output.txt
```

When you have the list of errors, resolve them until no relevant errors remain. The page [How to resolve scanning issues reported by Fortify](#) provides information on how to resolve common Fortify scanning errors. If there are no errors, the message "No warnings occurred during analysis" will be displayed.

## References

- HPE Fortify Static Code Analyzer User Guide
- HPE Fortify Static Code Analyzer Utilities Guide